

HISTORIC AMERICAN ENGINEERING RECORD

Index to Photographs

HAER
OHIO
18-1A VI,
2-

Alexander's Mill (Wilson's Mill)

HAER No. OH-58

At Lock No. 37 on the Ohio and Erie Canal,
14 miles south of Cleveland
Valley View
Ohio

- OH-58-1 COPY OF A LATE 19TH CENTURY BUSINESS CARD FOR A. ALEXANDER & SON FLOURING MILLS. CARD OWNED BY THOMAS R. WILSON.
Photographer: Berni Rich, Score Photographers,
September 1986.
- OH-58-2 NORTH AND EAST ELEVATIONS, ALEXANDER'S MILL (WILSON'S MILL). THE 2-1/1-STORY MAIN BLOCK, ERECTED IN 1855, HAS OVERTONES OF THE GREEK REVIVAL STYLE.
Photographer: Louise Taft Cawood, July 1986
- OH-58-3 COPY OF A PHOTOGRAPH OF THE CATARACT MILLS, NEWBURGH, OHIO.
Date unknown. Photographer: Berni Rich, Score Photographers, September 1986
- OH-58-4 COPY OF A PHOTOGRAPH SHOWING THOMAS G. WILSON (1898-1983) AT WORK IN THE MILL, ca. 1940. PHOTO OWNED BY THOMAS R. WILSON
Photographer: Berni Rich, Score Photographers,
September 1986
- OH-58-5 COPY OF A PHOTOGRAPH OF THE MILL, ca. 1940, SHOWING NORTH AND WEST ELEVATIONS; HEADGATE FOR TURBINE INTAKE IN FOREGROUND. PHOTO OWNED BY THOMAS R. WILSON.
Photographer: Berni Rich, Score Photographers,
September 1986
- OH-58-6 VIEW OF BASEMENT, LOOKING NORTHEAST TOWARD THIRD TURBINE. VISIBLE IS THE LINE SHAFTING THAT DROVE THE MILL'S WATER-POWERED MACHINERY.
Photographer: Jet T. Lowe, 1985
- OH-58-7 VIEW OF BASEMENT, LOOKING NORTH ALONG EAST BASEMENT WALL TOWARD TURBINES. AT RIGHT IS A WATER-POWERED EAR CORN CRUSHER (manufacturer unknown), WHICH PERFORMED THE INITIAL COARSE GRINDING OF EAR CORN
Photographer: Jet T. Lowe, 1985
- OH-58-8 VIEW OF "TRIUMPH" CORN SHELLER (C. O. Bartlett & Snow Co., Cleveland), LOCATED IN THE BASEMENT, USED TO REMOVE CORN KERNELS FROM THE COB.
Photographer: Louise Taft Cawood, July 1986

- OH-58-9 VIEW OF "BLUE STREAK" HAMMER MILL (Prater Pulverizer Co., Chicago, Illinois), LOCATED IN THE SOUTHEAST CORNER OF THE BASEMENT, WAS ADDED IN THE EARLY 1930s. THIS WAS THE MILL'S FIRST ELECTRIC-POWERED MACHINERY. THE HAMMER MILL WAS USED TO PULVERIZE OATS, ALFALFA MEAL, AND CORN.
Photographer: Louise Taft Cawood, July 1986
- OH-58-10 VIEW OF BASEMENT, LOOKING NORTHEAST. AT LEFT CENTER IS A "BISON" CORN CRACKER (Wolf Co., Chambersburg, Pennsylvania), DESIGNED TO CRACK KERNEL CORN. AT LEFT IS A "EUREKA" CLEANER (S. Howe Co., Silver Creek, New York), WHOSE RECIPROCATING SIEVES REMOVED COARSE FOREIGN MATERIAL FROM WHEAT BEFORE MAKING FLOUR.
Photographer: Jet T. Lowe, 1985
- OH-58-11 VIEW OF HORIZONTAL MIXER (Gedge-Gray Co., Lockland, Ohio), LOCATED IN THE BASEMENT, MIXED ANIMAL FEED TO ORDER. THE WATER-POWERED MIXER WAS SUPERSEDED BY TWO ELECTRIC-POWERED VERTICAL MIXERS, ADDED IN THE 1940s.
Photographer: Louise Taft Cawood, July 1986
- OH-58-12 VIEW OF FIRST FLOOR, LOOKING NORTH. VISIBLE ARE TWO "BLUE STREAK" VERTICAL TWIN-SPIRAL MIXERS (Prater Pulverizer Co., Chicago, Illinois), ADDED IN THE 1940s. THE VERTICAL MIXER MIXES FEED BATCHES BY MEANS OF TWIN SCREW AUGERS. GRAIN IS FED THROUGH A FLOOR-LEVEL CHARGING HOPPER. ON A SMALL METAL STAND, CENTER LEFT, IS A PORTABLE ELECTRIC BAG-CLOSING MACHINE.
Photographer: Jet T. Lowe, 1985
- OH-58-13 VIEW OF FIRST FLOOR, LOOKING NORTHWEST. AT LEFT IS A "EUREKA O.K." BAGGING SCALE (S. Howe Co., Silver Creek, New York). THE SUSPENSION-TYPE HOPPER SCALE WEIGHS BULK FEED AS IT DESCENDS INTO A BAG SECURED BY THE RING AT THE BASE OF THE SCALE. AT RIGHT, FINISHED PRODUCTS ARE READY FOR SALE. AT CENTER REAR IS ONE OF THE MILL'S TWO VERTICAL TWIN-SPIRAL MIXERS.
Photographer: Jet T. Lowe, 1985
- OH-58-14 VIEW OF SPOUTS ON THIRD FLOOR THAT SORT GRAIN INTO VARIOUS HOPPER BINS BELOW.
Photographer: Jet T. Lowe, 1985
- OH-58-15 VIEW OF GRAIN STORAGE BIN, SECOND FLOOR.
Photographer: Jet T. Lowe, 1985
- OH-58-16 VIEW OF THIRD FLOOR, LOOKING SOUTH, SHOWING MILL FRAMING AND, AT CENTER, THE VENTILATOR. AT LEFT IS A NARROW STAIRWAY THAT LEADS TO THE SECOND FLOOR.
Photographer: Jet T. Lowe, 1985

- OH-58-17 VIEW OF NORTH AND WEST ELEVATIONS, SHOWING THE MILL IN RELATION TO ITS SOURCE OF WATER POWER, THE OHIO AND ERIE CANAL. LOCK NO. 37 IS JUST OUT OF VIEW IN THE FOREGROUND. THE SHED-ROOFED CINDER BLOCK ADDITION WAS ADDED IN 1948.
Photographer: Louise Taft Cawood, July 1986
- OH-58-18 VIEW OF SOUTH ELEVATION. THE RETAIL STORE (AT RIGHT) AND THE LARGE ADDITION (AT LEFT) WERE ADDED IN 1957-58 TO MEET THE MILL'S CHANGING MARKET. THE THREE-STORY METAL ELEVATOR SUPERSEDED THE ORIGINAL DOUBLE-CHAMBER BELT AND CUP TYPE STILL INTACT INSIDE THE MILL.
Photographer: Louise Taft Cawood, July 1986
- OH-58-19 VIEW OF EAST ELEVATION. THOMAS G. WILSON ADDED THE ONE-STORY RETAIL STORE IN 1958. IT REPLACED A SMALLER ONE-STORY OFFICE IN THE SAME LOCATION.
Photographer: Louise Taft Cawood, July 1986
- OH-58-20 VIEW OF NORTH AND EAST ELEVATIONS. HERE, THE CANAL HAS BEEN DRAINED, ALLOWING A RARE VIEW OF THE HEADGATES. THE MILL'S NORTH BASEMENT WALL WAS CLOSED UP WITH CINDER BLOCK AFTER A STORM BROUGHT WATER POWER TO AN END IN 1970.
Photographer: Louise Taft Cawood, July 1986
- OH-58-21 CLOSE-UP VIEW OF THE HEADGATES, FOLLOWING TEMPORARY DRAINING OF THE CANAL IN JULY 1986.
Photographer: Louise Taft Cawood, July 1986
- OH-58-22 VIEW LOOKING INTO THE HEADGATES, WHICH APPEARS MUCH AS IT WOULD WERE THE MILL STILL WATER-POWERED. HERE, THE CANAL HAS A FALL OF ABOUT EIGHT FEET. THE OUT-OF-PLACE TURBINE, VISIBLE IN THE FOREGROUND, WAS ABANDONED THERE AT THE CLOSE OF THE WATER-POWER ERA.
Photographer: Louise Taft Cawood, July 1986
- OH-58-23 VIEW OF "MEZZANINE," FIRST FLOOR, LOOKING NORTHEAST. AT LEFT CENTER IS THE VERTICAL SHAFT FROM TURBINE BELOW. AT CENTER, SUSPENDED FROM THE CEILING, IS A SILVER CREEK FLOUR PACKER, PATENTED IN 1879. AT FAR LEFT, MOUNTED ON THE WALL, IS A GAUGE THAT FORMERLY MEASURED CANAL FLOW.
Photographer: Jet T. Lowe, 1985
- OH-58-24 GENERAL VIEW OF SECOND FLOOR, LOOKING NORTH. CLOCKWISE, RIGHT TO LEFT, ARE THE STAIRWAY TO THE THIRD FLOOR, BAG STORAGE, GRAIN STORAGE BIN, AND RECEIVING SEPARATOR (Robinson Manufacturing Co., Muncy, Pennsylvania). THE LATTER, USED IF FLOUR MILLING, SEPARATED GRAINS DIFFERENT IN SIZE AND REMOVED FOREIGN MATERIAL.
Photographer: Jet T. Lowe, 1985

Alexander's Mill (Wilson's Mill)
HAER No. OH-58
Index to Photographs
(Page 4)

OH-58-25 VIEW OF SECOND FLOOR, LOOKING EAST ALONG NORTH MILL WALL. AT
CENTER LEFT IS THE VERTICAL LINE SHAFTING USED TO DRIVE
FLOUR-MILLING MACHINERY.
Photographer: Jet T. Lowe, 1985